

OLIVIA LIU

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EDUCATION

Columbia University	Feb 2026
- Master of Science in Enterprise Risk Management - Coursework: Financial Risk Management, Value-Based ERM, Quantitative Risk Management	
University of Texas at Austin, McCombs School of Business	Dec 2023
- Bachelor of Business Administration in Management Information Systems - Coursework: Financial Accounting, Managerial Accounting, Business Finance, Statistics and Modeling - Honors: Dean's List and University Honors (3 semesters)	

PROFESSIONAL EXPERIENCE

E Fund Management - Finance Transformation Analyst ; Guangzhou, China	Dec 2025 - Jan 2026
- Benchmarked how 10 leading mutual fund managers invested their own capital across funds from 2021 to 2025, comparing purchases, redemptions, holdings, and allocation across fund types. - Built an AI-assisted workflow to download, extract, and standardize quarterly, semiannual, and annual fund reports, cutting more than one month of manual work to 2 days and improving the data extraction success rate from below 10% to above 90%. - Created standardized data fields and validation checks, including stratified sampling and manual review, to improve data consistency across reporting periods. - Presented peer comparisons and quarterly case studies to senior management, highlighting differences in capital allocation, liquidity management, and investment behavior.	
Pronghorn - Finance Intern ; New York, NY	Jun 2025 - Aug 2025
- Mapped actuals, budgets, and forecasts across four departments and their subdepartments by general ledger account to support monthly reporting and variance analysis. - Analyzed monthly travel and expense spending using Excel and Datarails, tracking departmental trends, recurring cost drivers, and month-over-month changes for finance review. - Reconciled monthly Uber for Business and Rippling expense records using Excel, analyzing transaction discrepancies, identifying unmatched expenses, and preparing reconciliation reports to support financial accuracy. - Built centralized SOP guides in Google Sites covering Navan, Uber for Business, and company's Travel and Expense policy, providing employees with a consistent reference for expense procedures.	
Alibaba Group - Business Analyst ; Hangzhou, China	Jun 2022 - Aug 2022
- Used SQL and Python to analyze more than 5 million transaction and user interaction records, identifying revenue drivers, conversion bottlenecks, and monetization trends across live-streaming channels. - Benchmarked four major community e-commerce platforms across unit economics, supply chains, fulfillment models, and operating processes to identify differences in cost structure and operating model. - Analyzed cohort retention and customer lifetime value to assess promotional spending efficiency and support marketing budget allocation.	
BDO China - Audit and Assurance Assistant ; Shanghai, China	Jul 2021 - Sep 2021
- Performed substantive testing on journal entries representing 200 general-ledger postings across cash, working capital, operating expenses, and inventory accounts. - Reviewed 40+ contracts and supporting documents to assess authorization, payment terms, and the accounting treatment of operating and capital expenditures.	

ACADEMIC PROJECTS

NVIDIA Valuation and Scenario Analysis - Columbia Capstone Project	Fall 2025
- Built a five-year financial model linking revenue and gross margin assumptions to operating expenses, free cash flow, and enterprise value. - Tested 16 combinations of GPU demand and tariff assumptions and modeled changes in average selling prices, R&D, and SG&A to identify the assumptions with the greatest impact on enterprise value. - Compared base, upside, and downside scenarios, with modeled mitigation strategies reducing downside exposure from 20.0% to 17.8%.	

SKILLS

Financial Analysis: Financial Modeling, Budgeting, Forecasting, Variance Analysis, Financial Statement Analysis, Management Reporting
Financial Operations: General Ledger Reconciliation, Expense Analysis, Cost Center Analysis, Data Validation
Tools: Excel (PivotTables, XLOOKUP, SUMIFS), SQL, Python, Datarails, Tableau, Power BI, SAP
Languages: Mandarin (Native), English (Fluent)